

Rhode Island

Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	2,018	453,928	41	Total R&D performance, 1995 (millions)	\$896	\$177,210	33
Doctoral engineers, 1995	483	86,738	36	Industry R&D, 1995 (millions)	\$520	\$130,332	34
S&E doctorates awarded, 1996	191	27,230	35	Academic R&D, 1996 (millions)	\$107	\$22,481	37
of which, in social sciences	21%	15%		of which, in life sciences	30%	56%	
in life sciences	18%	25%		in environmental sciences	26%	6%	
in engineering	18%	23%		in engineering	13%	16%	
S&E postdoctorates, 1996	154	37,019	34	Higher education current-fund expenditures, 1995 (millions)	\$1,012	\$182,602	38
in doctorate-granting institutions							
S&E graduate students, 1996	1,953	430,631	40	Number of SBIR awards, 1990-1997	86	31,155	32
in doctorate-granting institutions				Patents issued to state residents, 1997	249	61,699	38
Population, 1997 (000s)	987	271,464	44	Gross state product, 1996 (billions)	\$25.6	\$7,677.4	46
Civilian labor force, 1997 (000s)	505	137,564	44	of which, agriculture	1%	2%	
Personal income per capita, 1997	\$25,760	\$25,598	18	manufacturing, mining, construction	20%	23%	
Federal spending				transportation, communication, utilities	7%	8%	
Total expenditures, 1997 (millions)	\$5,879	\$1,405,060	43	wholesale and retail trade	14%	16%	
R&D obligations, 1996 (millions)	\$584	\$66,087	24	finance, insurance, real estate	23%	19%	
				services	23%	20%	
				government	12%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
Total, all agencies	583,521	338,150	0	169,559	54,918	19,542	1,352	24
Department of Agriculture	1,629	5	0	0	1,583	41	0	52
Department of Commerce	3,493	868	0	0	2,580	0	45	28
Department of Defense	501,158	325,410	0	168,491	7,187	70	0	17
Department of Energy	2,961	0	0	0	2,952	9	0	43
Dept. of Health & Human Services	42,248	4	0	507	22,952	17,855	930	32
Department of Interior	1,806	1,324	0	39	443	0	0	49
Department of Transportation	819	369	0	128	0	0	322	40
Environmental Protection Agency	10,231	9,775	0	134	272	50	0	14
Nat'l Aeronautics & Space Admin.	2,950	395	0	192	2,077	286	0	39
National Science Foundation	16,226	0	0	68	14,872	1,231	55	28
State rank	24	11	na	23	36	21	32	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable